

What is claimed is:

1. An aberration correcting apparatus for correcting aberration in an optical path of an optical system which irradiates a recording medium with a light beam and guides the
5 light beam reflected from said recording medium, comprising:

a first aberration correction element movable along the optical axis of said light beam for correcting the aberration of the light beam;

10 a driver for positioning said first aberration correction element along the optical axis in response to a drive control signal;

15 a second aberration correction element having a plurality of phase adjustment portions each generating an amount of phase change in the light beam, the amount corresponding to an adjustment signal;

a phase adjuster for supplying said adjustment signal to the respective adjustment portions in response to a phase control signal;

20 a light receiver for receiving the light beam reflected from said recording medium to generate a light-receiving signal; and

a controller for generating said drive control signal and said phase control signal based on said light-receiving signal.

25 2. The aberration correcting apparatus according to claim 1, wherein said phase adjuster corrects a residual aberration after correction by said first aberration correction

element.

3. The aberration correcting apparatus according to claim 1, wherein said first aberration correction element
5 includes a concave lens and a convex lens sequentially arranged from a light source of the light beam, and said driver drives said convex lens.

10 4. The aberration correcting apparatus according to claim 1, wherein said first aberration correction element includes a concave lens and a convex lens sequentially arranged from a light source of the light beam, and said driver drives said concave lens.

15 5. The aberration correcting apparatus according to claim 1, wherein said first aberration correction element includes a collimating lens for collimating the light emitted from a light source of the light beam.

20 6. The aberration correcting apparatus according to claim 1, wherein said first aberration correction element includes a collimating lens for collimating the light emitted from a light source of the light beam, and said driver changes a distance between said light source and said collimating lens.

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7. The aberration correcting apparatus according to claim 1, further comprising an object lens for focusing the

